

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claim 2, AMEND claims 1, 3, 4, 26, and 30, and ADD new claim 38 in accordance with the following:

1. (CURRENTLY AMENDED) An ink cartridge, comprising:

a cartridge body, partitioned into foam chambers and ink chambers, and having a first welding part and a second welding part;

a lid having a third welding part, engageable and weldable with the first welding part of the cartridge body, and a fourth welding part on the bottom thereof in which the second welding part is insertable;

at least one ink head provided on the bottom of the cartridge body to eject ink; and

at least one ink filter provided on an upper side of each ink head to prevent foreign materials or bubbles from flowing in,

wherein the second welding part has a thickness less than a width of each of the grooves in the fourth welding part, so that a predetermined space occurs on both sides of each second welding part when the second welding part is inserted in the fourth welding parts, to define a first area, and a second area where the second welding part has continuous contact ~~in time and space with the fourth welding part, and~~

the first welding part has a first section horizontally protruded in cross-section and a second section vertically protruded to the first section, and

the third welding part has a third section vertically protruded, a fourth section horizontally protruded, and a fifth section in a diagonal cross-sectional shape connecting the third section and the fourth section.

2. (CANCELLED)

3. (CURRENTLY AMENDED) The ink cartridge as claimed in claim 21, wherein the

first section has a concave groove on the upper end portion thereof.

4. (CURRENTLY AMENDED) The ink cartridge as claimed in claim 21, wherein an angle between a boundary line between the second section and the fifth section and a vertical line of the fifth section ranges from substantially 20 to 70 degrees.

5. (ORIGINAL) The ink cartridge as claimed in claim 1, wherein the cartridge body holds one or more color inks, and further includes one or more partitions partitioning different color inks.

6. (ORIGINAL) The ink cartridge as claimed in claim 1, wherein the upper end portions of the second welding part are a convex shape.

7. (ORIGINAL) The ink cartridge as claimed in claim 1, wherein the upper end portions of the second welding part are a concave shape.

8. (ORIGINAL) The ink cartridge as claimed in claim 1, wherein the second welding part has a vertical rectangular shape in cross-section, and the fourth welding part has a concave groove in which the second welding part is insertable.

9. (ORIGINAL) The ink cartridge as claimed in claim 8, wherein the upper sides of the grooves are a symmetrical triangle in cross-section.

10. (ORIGINAL) The ink cartridge as claimed in claim 9, wherein an angle between extension lines from two symmetric faces of the symmetric triangle ranges from substantially 30 to 150 degrees.

11. (CANCELLED)

12. (PREVIOUSLY PRESENTED) The ink cartridge as claimed in claim 1, wherein the predetermined spaces are substantially equal to, or less than, 0.4 mm each.

13. (ORIGINAL) The ink cartridge according to claim 1, wherein the lid and the cartridge body do not substantially slide against each other when vibration is applied by an

ultrasonic welder.

14. (ORIGINAL) The ink cartridge according to claim 1, wherein a plurality of ink injection holes, for injecting ink into the ink chambers, are each sealed by a ball.

15-25. (CANCELLED)

26. (CURRENTLY AMENDED) An ink cartridge, comprising:
a cartridge body, partitioned into foam chambers and ink chambers, and having a first welding part; and

a lid having a second welding part, engageable and weldable with the first welding part, and

wherein:

at least one of the first and second welding parts has at least one concave groove in which the other of the first and the second welding parts is insertable,

wherein the second welding part further comprises an upper side and a lower side,

wherein the first welding part horizontally displaced contacts the upper side of the second welding part in at least two contact sections,

a predetermined space occurs between the first and second welding parts in a vertical direction, and

an amount of resin flows in the predetermined space welding the first and second welding parts together.

27-28. (CANCELLED)

29. (PREVIOUSLY PRESENTED) The ink cartridge according to claim 26, wherein the predetermined space is substantially equal to, or less than, 0.4 mm.

30. (CURRENTLY AMENDED) The ink cartridge as claimed in claim 26, wherein the first-second welding part has a plurality of grooves, and the grooves of the first-second welding part each have a rectangular shape in cross-section.

31. (PREVIOUSLY PRESENTED) The ink cartridge as claimed in claim 30, wherein

the first welding part has a triangular shape in cross section.

32. (PREVIOUSLY PRESENTED) The ink cartridge as claimed in claim 31, wherein the cartridge body has a cross section combining the rectangular and triangular shapes.

33. (PREVIOUSLY PRESENTED) The ink cartridge as claimed in claim 26, wherein the cartridge body holds one or more color inks, and includes plural partitions partitioning different color inks.

34. (CANCELLED)

35. (PREVIOUSLY PRESENTED) The ink cartridge according to claim 26 wherein a plurality of ink injection holes are formed on the lid, for injecting ink into the ink chambers, are each sealed by a ball.

36. (PREVIOUSLY PRESENTED) The ink cartridge according to claim 32, wherein the upper side of the second welding part has a convex shape, and the lower side has a rectangular shape.

37. (PREVIOUSLY PRESENTED) The ink cartridge according to claim 32, wherein the upper side of the second welding part has a concave shape, and the lower side has a rectangular shape.

38. (NEW) An ink cartridge, comprising:

a cartridge body having a first welding part and a second welding part; and

a lid having a third welding part, engageable and weldable with the first welding part, and a fourth welding part on a lower side of the lid where the second welding part is insertable,

wherein the first welding part has a first section horizontally protruded in cross-section and a second section vertically protruded to the first section, and

the third welding part has a third section vertically protruded, a fourth section horizontally protruded, and a fifth section in a diagonal cross-sectional shape connecting the third section and the fourth section.